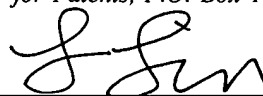




PATENT

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

*I hereby certify that this correspondence is being deposited with the U.S. Postal Service as first class mail in an envelope addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on October 13, 2005.*

  
Lindsey Lin

Applicant : Haixiang Liang Confirmation No. 2338  
Application No. : 09/627,572  
Filed : July 28, 2000  
Title : CATEGORIZATION OF IMPAIRMENTS AFFECTING A  
COMMUNICATION CHANNEL  
  
Grp./Div. : 2638  
Examiner : Chieh M. Fan  
  
Docket No. : 55042/DBP/B600

**INFORMATION DISCLOSURE STATEMENT WITH FEE  
UNDER 37 CFR §§ 1.97(c) AND 1.17(p)**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Post Office Box 7068  
Pasadena, CA 91109-7068  
October 13, 2005

Commissioner:

In compliance with the duty of disclosure under 37 CFR §§ 1.56, 1.97 and 1.98, and in accordance with the provisions in the Manual of Patent Examining Procedure §§ 609 and 707.05(b), enclosed is FORM PTO/SB/08A/B listing the references that are known to applicant. Copies of each of the listed references are enclosed.

It is respectfully requested that the listed references be considered in the examination of this application and identified on the list of references cited on the patent issuing for this application. Applicant also requests that an initialed copy of FORM PTO/SB/08A/B be entered in the application file and returned to applicant with the next communication from the Office in accordance with MPEP § 609.

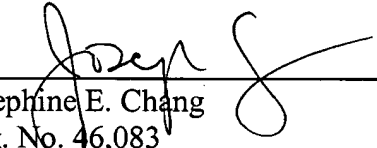
Enclosed is the processing fee of \$180 as required by 37 CFR § 1.17(p). The Commissioner is hereby authorized to charge any fees which may be required by this paper to

**Application No. 09/627,572**

Deposit Account No. 03-1728. Please show our docket number with any Deposit Account transaction. **A copy of this paper is enclosed.**

Respectfully submitted,

CHRISTIE, PARKER & HALE, LLP

By   
Josephine E. Chang  
Reg. No. 46,083  
626/795-9900


JEC/lal

Enclosures: Check \$180  
Copy of IDS  
Form PTO/SB/08A/B, w/references  
LAL PAS647853.1-\* -10/13/05 10:39 AM

FORM PTO/SB/08A/B (10-0)  
Substitute for PTO-1449A/B

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(use as many sheets as necessary)



Attorney Docket Number	55042/DBP/B600
Application Number	09/627,572
Filing Date	July 28, 2000
Applicant(s)	Haixiang Liang
Group Art Unit	2638
Examiner Name	Chieh M. Fan

U.S. PATENT DOCUMENTS				
EXAMINER INITIALS	Cite No. <sup>1</sup>	DOCUMENT NUMBER Number - Kind Code <sup>2</sup> (If Known)	PUBLICATION DATE MM-DD-YYYY	NAME OF PATENTEE
		5,265,125	11-23-1993	Ohta
		5,852,630	12-22-1998	Langberg et al.
		5,864,545	01-26-1999	Gonikberg et al.
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FOREIGN PATENT DOCUMENTS					
EXAMINER INITIALS	Cite No. <sup>1</sup>	Foreign Patent Document Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (If Known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	T <sup>6</sup> (✓)

OTHER DOCUMENTS		
EXAMINER INITIALS	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article, title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.

EXAMINER SIGNATURE		DATE CONSIDERED	
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kinds Codes of USPTO Patent Documents at [www.pto.gov](http://www.pto.gov) or MPEP 901.4. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup>Applicant is to place a check mark here if English Language Translation is attached.

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